

That which is claimed is:

1. A refrigerator lubricant composition comprising about 60-80 wt% alkylbenzene and 20-40 wt% polyol esters wherein the alkylbenzene and the polyol ester have similar viscosities.

5 2. The refrigerator lubricant composition of claim 1 wherein the composition contains 70 wt% alkylbenzene and 30 wt% polyol ester.

3. The refrigerator lubricant composition of claim 1 wherein the polyol of the polyol ester is selected from the group consisting of neopentyl glycol, trimethylol propane, pentaerythritol, di-trimethylol propane, di-pentaerythritol.

10 4. The refrigerator lubricant composition of claim 1 wherein the carboxylic acids of the polyol ester are selected from the group consisting of from pentanoic acid, heptanoic acid, 2-ethyl-hexanoic acid, octanoic acid, hexanoic acid, nonanoic acid, 2-methylpropionic acid, 3-methylbutanoic acid, isopentanoic acid, isononanoic acid, 3,5,5, trimethylhexanoic acid.

15 5. The refrigerator lubricant composition of claim 1 wherein the viscosity of the polyol ester and the alkylbenzene are preferably within +/- 30% of each other.

6. The refrigerator lubricant composition of claim 1 wherein the viscosity of the polyol ester and the alkylbenzene are preferably within +/- 10% of each other.

20 7. A refrigerator fluid composition which comprises: a) an HFC refrigerant containing R32, R125 and R134a or mixtures thereof; and b) a refrigerator oil composition comprising about 60-80 wt% alkylbenzene and 20-40 wt% polyol esters

8. A method of lubricating a compressors comprising operating a compressor and lubricating the compressor with a refrigerator oil composition as claimed in claim 1.

25 9. The method of claim 8 wherein the compressor is a centrifugal, reciprocating, scroll, rotary, or screw compressor.

10. An air conditioning lubricant composition comprising about 60-80 wt% alkylbenzene and 20-40 wt% polyalkylene glycol wherein the alkylbenzene and the polyalkylene glycol have similar viscosities.